

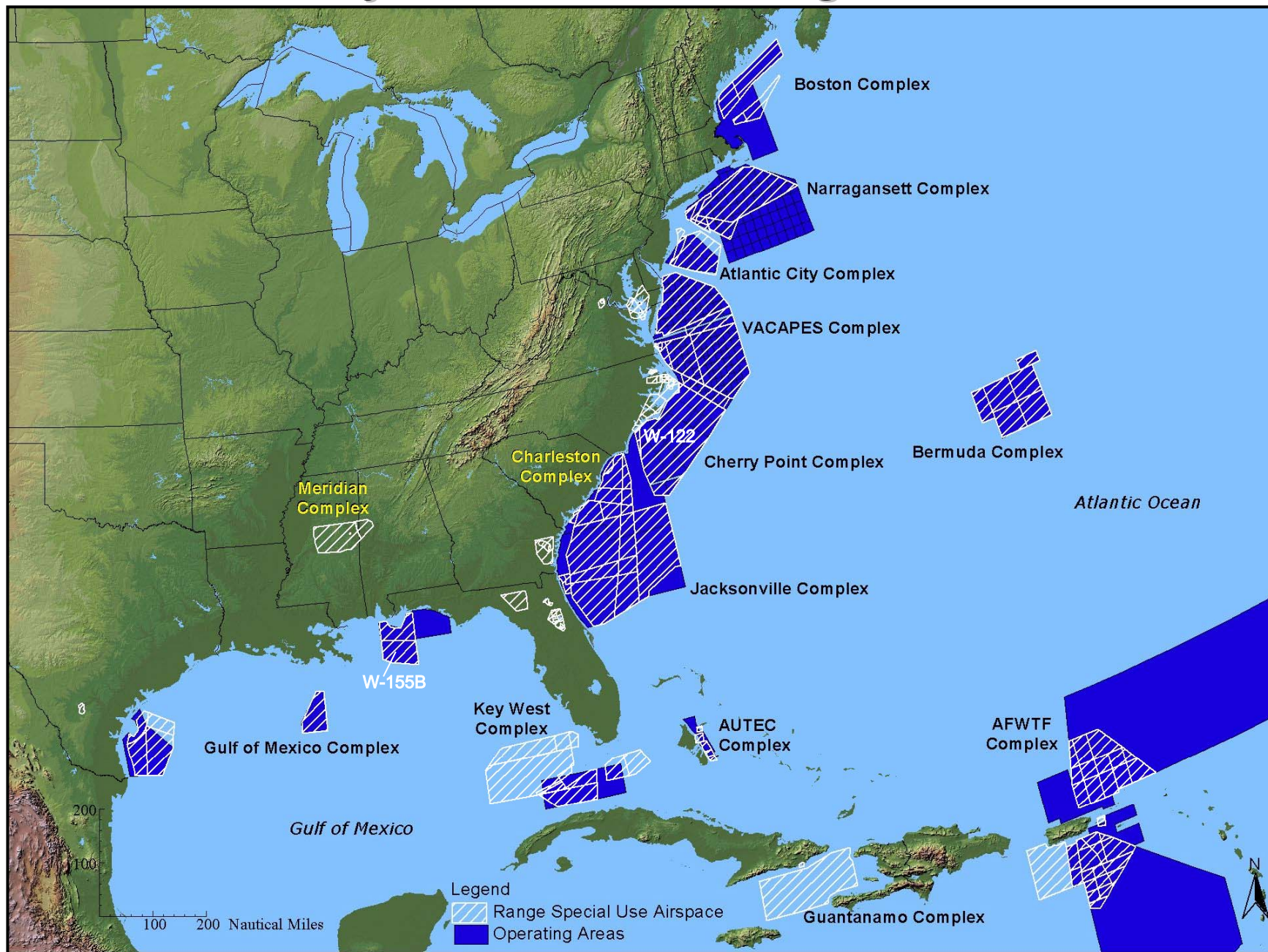


***Sea Spaces:  
Fleet Forces Command Environmental  
and Natural Resource Planning at Sea***

**LCDR Will Dunaway, Fleet Forces Command  
August 2004 DOD Conservation Conference**

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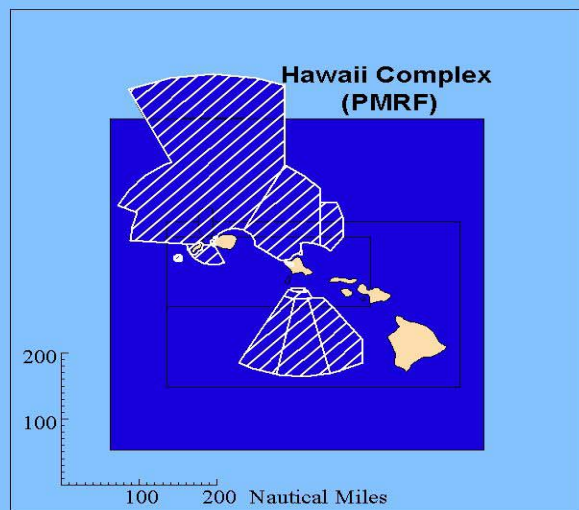
# Navy East Coast Training Areas







# West Coast and Pacific Navy Training Areas





# ***Challenges in the Marine Environment***

- **Training area management**
  - **No fence line – all “white spaces”**
- **Size of training areas (168K sq nm on East Coast alone)**
  - **Limitations on data collection/monitoring**
- **Marine resource science – evolving and contentious**
  - **Impacts of anthropogenic noise on marine mammals**
  - **Distribution and abundance of species**
- **Regulatory timeframes vs Training timeframes**
  - **MMPA permit timeline can be a year or more once application is submitted to NOAA**



# ***FFC Approach***

- **Operational focus**
- **High quality information**
- **Communication and coordination**

***Vision: Support long-term Navy training flexibility and success in achieving training requirements while minimizing impacts to the at sea environment.***



# ***Operational Focus***

- **Implement comprehensive and programmatic compliance strategies**
  - **E.g., Ensure comprehensive environmental coverage is in place to support range complex objectives...TAP**
- **Increase responsiveness to training needs through improved processes**
- **Develop mitigation approaches and tools that protect the integrity of training**



## ***Tactical Training Theater Assessment & Planning (TAP) Program***

*A comprehensive, operationally-driven integrated process to sustain naval training assets & enhance readiness by:*

- **Reducing risk of training capability erosion by identifying & mitigating encroachment concerns (airspace, urban growth, radio frequency, etc.)**
- **Ensuring range capabilities match requirements**
  - **Developing a unified strategic vision from all users**
  - **Correlating range investment directly to training requirements**
- **Addressing environmental requirements in a comprehensive manner**





## ***Tactical Training Theater Assessment & Planning (TAP) Program (cont.)***



### **Range Complex Management Plans (RCMPs)**

*TAP documents that tie together operational & environmental issues for each range complex*

**RCMP (updated every 5 years) includes:**

- **Complete description of all training areas**
- **Comprehensive baseline of current range operations**
- **Strategic vision for future requirements**
- **Inventory of encroachment and sustainment challenges**
- **Environmental issues and requirements**
- **Outreach blueprint**
- **Range investment strategy**



## ***Operational Focus (cont.)***

### **■ Implement comprehensive and programmatic compliance strategies**

- E.g., Ensure comprehensive environmental coverage is in place to support future range complex objectives...TAP.

### **■ Increase responsiveness to training needs through improved processes**

- E.g., Develop operational training curriculum for Navy environmental/conservation personnel to include classroom, at sea, on range, and inter-command experience.

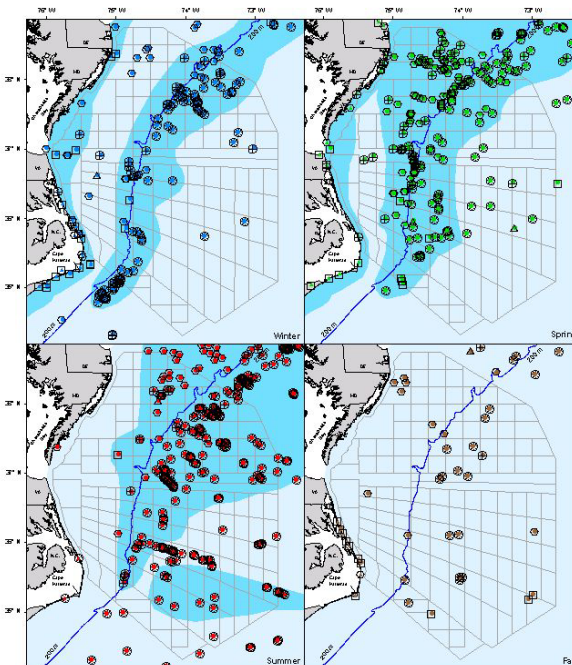
### **■ Develop mitigation approaches and tools that protect the integrity of training**

- E.g., Evaluate new/creative approaches and technologies to make mitigation more effective and more transparent, and
- Enhance ability of bridge watch teams and aircrews to detect marine species. Revised training program to be available on CDROM and video in winter 2005.



# High Quality Information

- **Use best available scientific data to analyze Fleet interaction with the environment**
  - E.g., Maintain up-to-date Marine Resource Assessments/Density Reports
- **Fill critical gaps in understanding of Fleet impacts on protected marine resources**
  - E.g., Establish/seek funding for priority research/analysis needs to support FLT training (recent example: beaked whale habitat characterization and prediction )



*Conservation community is essential in providing the best available information to decision-makers in order to integrate marine species protection into training missions.*



# ***Communication and Coordination***

## **■ Improve communication and ensure consistency**

- E.g., Develop a center of expertise and partnership networks to provide technical support for the at sea program - newly established Marine Resources Support Group (network).

## **■ Build public confidence**

- E.g., Participate at Fleet and/or regional level in appropriate interagency or public working groups (Examples: Recovery Plan Implementation Teams, Marine Sanctuary Advisory Groups, etc.).





# Summary

**Most Navy training areas are “white space” and present different issues and challenges from land based training areas. Addressing these issues requires:**

- **Comprehensive, operationally focused approach**
- **High quality information for decision-making**
- **Extensive communication and coordination (internal and external to Navy and DOD).**